

# PROPOSAL

RRFP #21-56  
PS #62-21

Submitted By: ARH  
(Company Name)

**PROVIDING PROFESSIONAL PRELIMINARY ASSESSMENT/SITE INVESTIGATION (PASI)  
OF BLOCK 43, LOT 11.02, UPPER FREEHOLD TOWNSHIP, NEW JERSEY, ±2.0 ACRES, OWNED BY:  
MORALES, IMPROVED PROPERTY, PROJECT: ADDITIONS TO CROSSWICKS CREEK PARK**

TO THE MONMOUTH COUNTY PARK SYSTEM, LINCROFT, NEW JERSEY.  
TO THE MONMOUTH COUNTY BOARD OF RECREATION COMMISSIONERS.

The undersigned hereby declares that he/she has carefully examined the full advertisement, specifications, and form of contract for furnishing the specified items and that he/she will execute the contract according to the specifications, terms, and conditions with respect to the following:

1. Cost to conduct a Preliminary Assessment/Site Investigation (PASI) and submit a Preliminary Assessment Report (PAR). \$ 1250
  - 1. PASI & PAR SUBTOTAL:** \$ 1250
  - If this box is checked, a single No. 2 heating oil UST is known on the property and a subsurface evaluation shall be conducted, at the rates listed below (2. A-D).
  - In the event a single No. 2 Heating Oil UST is discovered during the PASI that was not previously known, a subsurface evaluation shall be conducted, at rates listed below (2. A-D).
  - In the event the findings of the PASI indicate additional investigation of AOCs, beyond a single No. 2 Heating Oil UST are warranted, a separate proposal will be required; however, the unit rates provided under, "Follow-up Investigative Services – Unit Rates" on the next page shall be used to complete the investigation.
  
2. Cost to conduct Subsurface Investigation, including a Ground Penetrating Radar (GPR) evaluation of the suspected UST area, as well as the collection and laboratory analysis of four (4) subsurface soil samples.
  - A. Cost to locate a single No. 2 Heating Oil UST using GPR \$ 75
  - B. Lump Sum Cost to obtain (4) soil samples (i.e. Environmental Technician and Hand Auger, GeoProbe & Operator, Backhoe & Operator, etc.) \$ 150
  - C. Laboratory Testing:
    - Extractable Petroleum Hydrocarbons, Category I (4 samples, 10-day-turn around) \$ 280
    - Naphthalene & 2-methylnaphthalene (1 sample, 10-day turn-around) \$ 110
  - D. Additional Reporting cost to include Limited Site Investigation sections in PAR \$ 75
  - 2. (A-D) SUBSURFACE EVALUATION SUBTOTAL:** \$ 690
  - TOTAL 1. PASI/PAR & 2. SUBSURFACE EVALUATION:** \$ 1940

Please provide separate unit pricing and rates for the investigation of Areas of Concern (AOC) beyond a single No. 2 Heating Oil UST. If the findings of the PASI indicate additional investigation of AOC are warranted, a separate proposal will be required; however, these unit rates shall be used to complete the investigation.

### Follow-up Investigative Services – Unit Rates

**1. SOIL INVESTIGATION**

Item	Half Day Rate	Daily Rate
Geoprobe and Operator		1250
Air-Knife (Soft-Drill) and Laborer		985
Backhoe and Operator		1250
Dump Truck and Operator		1350
Ground Penetrating Radar and Operator		1750
Field Utility Vehicle		100
Field Equipment (i.e. PID, Metal Detector, Gloves, etc.)		125

Item	Unit Rate	Units
Geoprobe Consumable Supplies	3	per foot
55-gallon Drum	60	per drum
Drum Characterization Analysis and Transportation	50	per trip
Drum Disposal	175	per drum

**2. GROUNDWATER INVESTIGATION**

Item	Half Day Rate	Daily Rate
Geoprobe and Operator		1250
Air-Knife (Soft-Drill) and Laborer		985
Drill Rig and Licensed Well Driller (Monitoring Well Installation)		1750
Field Utility Vehicle		100
Field Equipment (i.e. PID, Gloves, Water Level Meter, Water Quality Meter)		125

Item	Unit Rate	Units
Temporary Well Point	25	per point
2" PVC Riser	35	per foot
2" PVC Screen	35	per foot
4" PVC Riser	60	per foot
4" PVC Screen	60	per foot
Monitoring Well Flush Mount & Concrete Pad	475	per well
Monitoring Well Permit & Form B	175	per well
55-gallon Drum	60	per drum
Drum Characterization Analysis and Transportation	50	per trip
Drum Disposal	175	per drum

**3. Laboratory Analysis**

Item	10-day TAT	5-day TAT
EPH (Extractable Petroleum Hydrocarbons) Category I	77	115
EPH (Extractable Petroleum Hydrocarbons) Category II	154	231
TCL/TAL+30	588	875
TCL-VOA+15(10) including En Core or Terra Core Cost	610	914
TCL-BNA+15(10)	165	248
Polychlorinated Biphenyls (PCBs)	66	99
TCL Pesticides	99	149
TAL Metals	127	190
Cyanide	28	41
Single ICP Metal	11	17
Naphthalene/2-methylnaphthalene	110	165
PWTA Sampling (raw & post-treatment analysis)	400	-
Asbestos via Polarized-Light Microscopy (PEM)	15	23
Asbestos via Transmission Electron Microscopy (TEM)	75	113

4. **LABOR**

Item	Unit Cost	Units
Environmental Technician	95	per hour
Subsurface Evaluator	120	per hour
Project Manager	120	per hour
Licensed Site Remediation Professional	145	per hour

5. **REPORTING**

Unit prices for reports to include cost to prepare the report, provide three (3) paper copies [four (4) copies if, Green Acres Program project], and one (1) CD-R with report in either .pdf or MS Word .doc format.

Item	Unit Cost	Units
Site Investigation Report (SIR)	1750	per report
Remedial Investigation Report (RIR)	2250	per report
Remedial Investigation or Remedial Action Workplan (RIW or RAW)	2250	per report
Submit a Hazardous Discharge Site Remediation Fund (HDSRF) Application	1500	Per application

Environmental review services shall not commence until contractor receives a Purchase Order from the Park System and shall be completed **WITHIN THIRTY (30) DAYS** of receipt of Purchase Order.

Payment schedule for services shall be as follows:

100% of contracted amount shall be paid when three (3) copies of the Preliminary Assessment Report (PAR), [four (4) copies if Green Acres program project], and one (1) CD-R with report in either .pdf or MS Word .doc format are delivered to the Monmouth County Park System.

VARIANCE IF ANY: See attached scope

The undersigned is a partnership under the laws of the State of New Jersey

(check one)  a corporation  an individual

having principle offices at:

ADDRESS 215 Bellevue Ave, Hammonton NJ

BUSINESS PHONE 609 561 0482 FAX NUMBER 609 567 8909

E-MAIL jbeer@arh-us.com WEB ADDRESS www.arh-us.com

FEDERAL TAX ID # OR SOCIAL SECURITY # [REDACTED]

CONSULTANT (Printed) ARH Associates SIGNATURE 

DATED 9/23/21

\*Please Note: requirements for Certificate of Liability Insurance to be submitted before award of contract, Page 7, Item #2.3.7 (e)\*

**ALL PASI REPORTS SHALL BECOME THE PROPERTY OF  
THE MONMOUTH COUNTY PARK SYSTEM**

# PROPOSAL

RRFP #21-56  
PS #62-21

Submitted By: GZA GeoEnvironmental, Inc.  
(Company Name)

**PROVIDING PROFESSIONAL PRELIMINARY ASSESSMENT/SITE INVESTIGATION (PASI)  
OF BLOCK 43, LOT 11.02, UPPER FREEHOLD TOWNSHIP, NEW JERSEY, ±2.0 ACRES, OWNED BY:  
MORALES, IMPROVED PROPERTY, PROJECT: ADDITIONS TO CROSSWICKS CREEK PARK**

TO THE MONMOUTH COUNTY PARK SYSTEM, LINCROFT, NEW JERSEY.  
TO THE MONMOUTH COUNTY BOARD OF RECREATION COMMISSIONERS.

The undersigned hereby declares that he/she has carefully examined the full advertisement, specifications, and form of contract for furnishing the specified items and that he/she will execute the contract according to the specifications, terms, and conditions with respect to the following:

1. Cost to conduct a Preliminary Assessment/Site Investigation (PASI)  
and submit a Preliminary Assessment Report (PAR). \$ 1,700.00  

**1. PASI & PAR SUBTOTAL: \$ 1,700.00**

  - If this box is checked, a single No. 2 heating oil UST is known on the property and a subsurface evaluation shall be conducted, at the rates listed below (2. A-D).
  - In the event a single No. 2 Heating Oil UST is discovered during the PASI that was not previously known, a subsurface evaluation shall be conducted, at rates listed below (2. A-D).
  - In the event the findings of the PASI indicate additional investigation of AOCs, beyond a single No. 2 Heating Oil UST are warranted, a separate proposal will be required; however, the unit rates provided under, "Follow-up Investigative Services – Unit Rates" on the next page shall be used to complete the investigation.
  
2. Cost to conduct Subsurface Investigation, including a Ground Penetrating Radar (GPR) evaluation of the suspected UST area, as well as the collection and laboratory analysis of four (4) subsurface soil samples.
  - A. Cost to locate a single No. 2 Heating Oil UST using GPR \$ 880.00
  
  - B. Lump Sum Cost to obtain (4) soil samples (i.e. Environmental Technician and Hand Auger, GeoProbe & Operator, Backhoe & Operator, etc.) \$ 2,394.00
  
  - C. Laboratory Testing:
    - Extractable Petroleum Hydrocarbons, Category I  
(4 samples, 10-day-turn around) \$ 238.00
  
    - Naphthalene & 2-methylnaphthalene  
(1 sample, 10-day turn-around) \$ 113.50
  
  - D. Additional Reporting cost to include Limited Site Investigation sections in PAR \$ 500.00

**2. (A-D) SUBSURFACE EVALUATION SUBTOTAL: \$ 4,125.50**

**TOTAL 1. PASI/PAR & 2. SUBSURFACE EVALUATION: \$ 5,825.50**

Please provide separate unit pricing and rates for the investigation of Areas of Concern (AOC) beyond a single No. 2 Heating Oil UST. If the findings of the PASI indicate additional investigation of AOC are warranted, a separate proposal will be required; however, these unit rates shall be used to complete the investigation.

**Follow-up Investigative Services – Unit Rates**

**1. SOIL INVESTIGATION**

<u>Item</u>	<u>Half Day Rate</u>	<u>Daily Rate</u>
Geoprobe and Operator	\$864.00	\$1,188.00
Air-Knife (Soft-Drill) and Laborer	\$540.00	\$810.00
Backhoe and Operator	\$454.00	\$907.00
Dump Truck and Operator	\$454.00	\$907.00
Ground Penetrating Radar and Operator	\$810.00	\$1,080.00
Field Utility Vehicle	\$175.00	\$175.00
Field Equipment (i.e. PID, Metal Detector, Gloves, etc.)	\$200.00	\$200.00

	<u>Unit Rate</u>	<u>Units</u>
Geoprobe Consumable Supplies	\$1.90	per foot
55-gallon Drum	\$59.50	per drum
Drum Characterization Analysis and Transportation	\$918.00	per trip
Drum Disposal	\$124.50	per drum

**2. GROUNDWATER INVESTIGATION**

<u>Item</u>	<u>Half Day Rate</u>	<u>Daily Rate</u>
Geoprobe and Operator	\$864.00	\$1,188.00
Air-Knife (Soft-Drill) and Laborer	\$540.00	\$810.00
Drill Rig and Licensed Well Driller (Monitoring Well Installation)	\$1,350.00	\$1,890.00
Field Utility Vehicle	\$175.00	\$175.00
Field Equipment (i.e. PID, Gloves, Water Level Meter, Water Quality Meter)	\$450.00	\$450.00

	<u>Unit Rate</u>	<u>Units</u>
Temporary Well Point	\$81.00	per point
2" PVC Riser	\$11.00	per foot
2" PVC Screen	\$24.00	per foot
4" PVC Riser	\$22.00	per foot
4" PVC Screen	\$38.50	per foot
Monitoring Well Flush Mount & Concrete Pad	\$243.00	per well
Monitoring Well Permit & Form B	\$216.00	per well
55-gallon Drum	\$59.50	per drum
Drum Characterization Analysis and Transportation	\$918.00	per trip
Drum Disposal	\$124.50	per drum

**3. Laboratory Analysis**

<u>Item</u>	<u>10-day TAT</u>	<u>5-day TAT</u>
EPH (Extractable Petroleum Hydrocarbons) Category I	\$59.50	\$59.50
EPH (Extractable Petroleum Hydrocarbons) Category II	\$75.50	\$75.50
TCL/TAL+30	\$513.00	\$513.00
TCL-VOA+15(10) including En Core or Terra Core Cost	\$86.50	\$86.50
TCL-BNA+15(10)	\$189.00	\$189.00
Polychlorinated Biphenyls (PCBs)	\$65.00	\$65.00
TCL Pesticides	\$70.00	\$70.00
TAL Metals	\$97.00	\$97.00
Cyanide	\$27.00	\$27.00
Single ICP Metal	\$32.50	\$32.50
Naphthalene/2-methylnaphthalene	\$113.50	\$113.50
PWTA Sampling (raw & post-treatment analysis)	\$1,501.00	\$1,501.00
Asbestos via Polarized-Light Microscopy (PEM)	\$43.00	\$43.00
Asbestos via Transmission Electron Microscopy (TEM)	\$102.50	\$102.50

4. **LABOR**

Item	Unit Cost	Units
Environmental Technician	\$95.00	per hour
Subsurface Evaluator	\$150.00	per hour
Project Manager	\$120.00	per hour
Licensed Site Remediation Professional	\$175.00	per hour

5. **REPORTING**

Unit prices for reports to include cost to prepare the report, provide three (3) paper copies [four (4) copies if Green Acres Program project], and one (1) CD-R with report in either .pdf or MS Word .doc format.

Item	Unit Cost	Units
Site Investigation Report (SIR)	\$2,000.00	per report
Remedial Investigation Report (RIR)	\$2,000.00	per report
Remedial Investigation or Remedial Action Workplan (RIW or RAW)	\$2,000.00	per report
Submit a Hazardous Discharge Site Remediation Fund (HDSRF) Application	\$2,000.00	Per application

Environmental review services shall not commence until contractor receives a Purchase Order from the Park System and shall be completed **WITHIN THIRTY (30) DAYS** of receipt of Purchase Order.

Payment schedule for services shall be as follows:

100% of contracted amount shall be paid when three (3) copies of the Preliminary Assessment Report (PAR), [four (4) copies if Green Acres program project], and one (1) CD-R with report in either .pdf or MS Word .doc format are delivered to the Monmouth County Park System.

VARIANCE IF ANY: \_\_\_\_\_

The undersigned is a partnership under the laws of the State of New Jersey

(check one)  a corporation  an individual

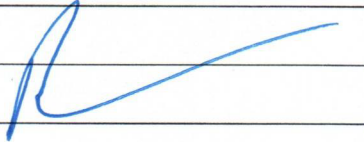
having principle offices at:

ADDRESS 55 Lane Road, Suite 407, Fairfield, NJ 07004

BUSINESS PHONE 973-774-3300 FAX NUMBER 973-774-3350

E-MAIL david.winslow@gza.com WEB ADDRESS \_\_\_\_\_

FEDERAL TAX ID # OR SOCIAL SECURITY # [REDACTED]

CONSULTANT (Printed) David Winslow, Ph.D., PG SIGNATURE 

DATED 9/28/21

**\*Please Note: requirements for Certificate of Liability Insurance to be submitted before award of contract, Page 7, Item #2.3.7 (e)\***

**ALL PASI REPORTS SHALL BECOME THE PROPERTY OF  
THE MONMOUTH COUNTY PARK SYSTEM**

# PROPOSAL

RRFP #21-56  
PS #62-21

Submitted By: Environmental Alliance, Inc.  
(Company Name)

**PROVIDING PROFESSIONAL PRELIMINARY ASSESSMENT/SITE INVESTIGATION (PASI)  
OF BLOCK 43, LOT 11.02, UPPER FREEHOLD TOWNSHIP, NEW JERSEY, ±2.0 ACRES, OWNED BY:  
MORALES, IMPROVED PROPERTY, PROJECT: ADDITIONS TO CROSSWICKS CREEK PARK**

TO THE MONMOUTH COUNTY PARK SYSTEM, LINCROFT, NEW JERSEY.  
TO THE MONMOUTH COUNTY BOARD OF RECREATION COMMISSIONERS.

The undersigned hereby declares that he/she has carefully examined the full advertisement, specifications, and form of contract for furnishing the specified items and that he/she will execute the contract according to the specifications, terms, and conditions with respect to the following:

1. Cost to conduct a Preliminary Assessment/Site Investigation (PASI)  
and submit a Preliminary Assessment Report (PAR). \$ 2,224.00
  - 1. PASI & PAR SUBTOTAL: \$ 2,224.00**
  - If this box is checked, a single No. 2 heating oil UST is known on the property and a subsurface evaluation shall be conducted, at the rates listed below (2. A-D).
  - In the event a single No. 2 Heating Oil UST is discovered during the PASI that was not previously known, a subsurface evaluation shall be conducted, at rates listed below (2. A-D).
  - In the event the findings of the PASI indicate additional investigation of AOCs, beyond a single No. 2 Heating Oil UST are warranted, a separate proposal will be required; however, the unit rates provided under, "Follow-up Investigative Services – Unit Rates" on the next page shall be used to complete the investigation.
  
2. Cost to conduct Subsurface Investigation, including a Ground Penetrating Radar (GPR) evaluation of the suspected UST area, as well as the collection and laboratory analysis of four (4) subsurface soil samples.
  - A. Cost to locate a single No. 2 Heating Oil UST using GPR \$ 1,520.50
  - B. Lump Sum Cost to obtain (4) soil samples (i.e. Environmental Technician and Hand Auger, GeoProbe & Operator, Backhoe & Operator, etc.) \$ 2,965.00
  - C. Laboratory Testing:  
  
Extractable Petroleum Hydrocarbons, Category I  
(4 samples, 10-day-turn around) \$ 286.00  
  
Naphthalene & 2-methylnaphthalene  
(1 sample, 10-day turn-around) \$ 110.00
  - D. Additional Reporting cost to include Limited Site Investigation sections in PAR \$ 1,075.00
  - 2. (A-D) SUBSURFACE EVALUATION SUBTOTAL: \$ 5,956.50**
  - TOTAL 1. PASI/PAR & 2. SUBSURFACE EVALUATION: \$ 8,180.50**

Please provide separate unit pricing and rates for the investigation of Areas of Concern (AOC) beyond a single No. 2 Heating Oil UST. If the findings of the PASI indicate additional investigation of AOC are warranted, a separate proposal will be required; however, these unit rates shall be used to complete the investigation.

### Follow-up Investigative Services – Unit Rates

**1. SOIL INVESTIGATION**

Item	Half Day Rate	Daily Rate
Geoprobe and Operator	\$1,072.50	\$1,375
Air-Knife (Soft-Drill) and Laborer	\$1,595	\$1,925
Backhoe and Operator	\$660	\$990
Dump Truck and Operator	\$550	\$880
Ground Penetrating Radar and Operator	\$935	\$1,540
Field Utility Vehicle	\$50	\$100
Field Equipment (i.e. PID, Metal Detector, Gloves, etc.)	\$150	\$285

Item	Unit Rate	Units
Geoprobe Consumable Supplies	\$10.45	per foot
55-gallon Drum	\$63.80	per drum
Drum Characterization Analysis and Transportation	\$1,225	per trip
Drum Disposal	\$165	per drum

**2. GROUNDWATER INVESTIGATION**

Item	Half Day Rate	Daily Rate
Geoprobe and Operator	\$1,072.50	\$1,375
Air-Knife (Soft-Drill) and Laborer	\$1,595	\$1,925
Drill Rig and Licensed Well Driller (Monitoring Well Installation)	\$1,815	\$2,062.50
Field Utility Vehicle	\$50	\$100
Field Equipment (i.e. PID, Gloves, Water Level Meter, Water Quality Meter)	\$150	\$285

Item	Unit Rate	Units
Temporary Well Point	\$203.50	per point
2" PVC Riser	\$9.10	per foot
2" PVC Screen	\$10.18	per foot
4" PVC Riser	\$13.75	per foot
4" PVC Screen	\$14.85	per foot
Monitoring Well Flush Mount & Concrete Pad	\$357	per well
Monitoring Well Permit & Form B	\$247.50	per well
55-gallon Drum	\$63.80	per drum
Drum Characterization Analysis and Transportation	\$1,225	per trip
Drum Disposal	\$165	per drum

**3. Laboratory Analysis**

Item	10-day TAT	5-day TAT
EPH (Extractable Petroleum Hydrocarbons) Category I	\$71.50	\$71.50
EPH (Extractable Petroleum Hydrocarbons) Category II	\$143	\$148
TCL/TAL+30	\$632.50	\$632.50
TCL-VOA+15(10) including En Core or Terra Core Cost	\$132	\$132
TCL-BNA+15(10)	\$242	\$242
Polychlorinated Biphenyls (PCBs)	\$66	\$66
TCL Pesticides	\$88	\$88
TAL Metals	\$121	\$121
Cyanide	\$27.50	\$27.50
Single ICP Metal	\$19.80	\$19.80
Naphthalene/2-methylnaphthalene	\$110	\$110
PWTA Sampling (raw & post-treatment analysis)	\$770	\$770
Asbestos via Polarized-Light Microscopy (PEM)	\$8.36	\$8.36
Asbestos via Transmission Electron Microscopy (TEM)	\$39.60	\$39.60



4. **LABOR**

Item	Unit Cost	Units
Environmental Technician	\$74	per hour
Subsurface Evaluator	\$85	per hour
Project Manager	\$97	per hour
Licensed Site Remediation Professional	\$165	per hour

5. **REPORTING**

Unit prices for reports to include cost to prepare the report, provide three (3) paper copies [four (4) copies if, Green Acres Program project], and one (1) CD-R with report in either .pdf or MS Word .doc format.

Item	Unit Cost	Units
Site Investigation Report (SIR)	\$3,000	per report
Remedial Investigation Report (RIR)	\$5,000	per report
Remedial Investigation or Remedial Action Workplan (RIW or RAW)	\$3,500	per report
Submit a Hazardous Discharge Site Remediation Fund (HDSRF) Application	\$1,500	Per application

Environmental review services shall not commence until contractor receives a Purchase Order from the Park System and shall be completed **WITHIN THIRTY (30) DAYS** of receipt of Purchase Order.

Payment schedule for services shall be as follows:

100% of contracted amount shall be paid when three (3) copies of the Preliminary Assessment Report (PAR), [four (4) copies if Green Acres program project], and one (1) CD-R with report in either .pdf or MS Word .doc format are delivered to the Monmouth County Park System.

VARIANCE IF ANY: NJDEP review fees are not included in cost

The undersigned is a partnership under the laws of the State of NA

(check one)  a corporation  an individual

having principle offices at:

ADDRESS 5341 Limestone Road, Wilmington, DE 19808

BUSINESS PHONE 732-537-0250 FAX NUMBER 302-234-1535

E-MAIL pmiller@envalliance.com WEB ADDRESS www.envalliance.com

FEDERAL TAX ID # OR SOCIAL SECURITY # [REDACTED]

CONSULTANT (Printed) Paul C. Miller SIGNATURE 

DATED 9/24/2021  
25

\*Please Note: requirements for Certificate of Liability Insurance to be submitted before award of contract, Page 7, Item #2.3.7 (e)\*

**ALL PASI REPORTS SHALL BECOME THE PROPERTY OF  
THE MONMOUTH COUNTY PARK SYSTEM**

# PROPOSAL

RRFP #21-56  
PS #62-21

Submitted By: Enviro-Science (of Delaware), Inc.  
(Company Name)

**PROVIDING PROFESSIONAL PRELIMINARY ASSESSMENT/SITE INVESTIGATION (PASI)  
OF BLOCK 43, LOT 11.02, UPPER FREEHOLD TOWNSHIP, NEW JERSEY, ±2.0 ACRES, OWNED BY:  
MORALES, IMPROVED PROPERTY, PROJECT: ADDITIONS TO CROSSWICKS CREEK PARK**

TO THE MONMOUTH COUNTY PARK SYSTEM, LINCROFT, NEW JERSEY.  
TO THE MONMOUTH COUNTY BOARD OF RECREATION COMMISSIONERS.

The undersigned hereby declares that he/she has carefully examined the full advertisement, specifications, and form of contract for furnishing the specified items and that he/she will execute the contract according to the specifications, terms, and conditions with respect to the following:

1. Cost to conduct a Preliminary Assessment/Site Investigation (PASI) and submit a Preliminary Assessment Report (PAR). \$ 4,200.00
  - 1. PASI & PAR SUBTOTAL: \$ 6,600.00**
  - If this box is checked, a single No. 2 heating oil UST is known on the property and a subsurface evaluation shall be conducted, at the rates listed below (2. A-D).
  - In the event a single No. 2 Heating Oil UST is discovered during the PASI that was not previously known, a subsurface evaluation shall be conducted, at rates listed below (2. A-D).
  - In the event the findings of the PASI indicate additional investigation of AOCs, beyond a single No. 2 Heating Oil UST are warranted, a separate proposal will be required; however, the unit rates provided under, "Follow-up Investigative Services – Unit Rates" on the next page shall be used to complete the investigation.
  
2. Cost to conduct Subsurface Investigation, including a Ground Penetrating Radar (GPR) evaluation of the suspected UST area, as well as the collection and laboratory analysis of four (4) subsurface soil samples.
  - A. Cost to locate a single No. 2 Heating Oil UST using GPR \$ 865.00
  - B. Lump Sum Cost to obtain (4) soil samples (i.e. Environmental Technician and Hand Auger, GeoProbe & Operator, Backhoe & Operator, etc.) \$ 3,500.00
  - C. Laboratory Testing:
    - Extractable Petroleum Hydrocarbons, Category I  
(4 samples, 10-day-turn around) \$ 365.00
    - Naphthalene & 2-methylnaphthalene  
(1 sample, 10-day turn-around) \$ 1,250.00
  - D. Additional Reporting cost to include Limited Site Investigation sections in PAR \$ 1,500.00

**2. (A-D) SUBSURFACE EVALUATION SUBTOTAL: \$ 6,750.00**

**TOTAL 1. PASI/PAR & 2. SUBSURFACE EVALUATION: \$ 9,150.00**

Please provide separate unit pricing and rates for the investigation of Areas of Concern (AOC) beyond a single No. 2 Heating Oil UST. If the findings of the PASI indicate additional investigation of AOC are warranted, a separate proposal will be required; however, these unit rates shall be used to complete the investigation.

### Follow-up Investigative Services – Unit Rates

**1. SOIL INVESTIGATION**

Item	Half Day Rate	Daily Rate
Geoprobe and Operator	\$1,725.00	\$2,012.00
Air-Knife (Soft-Drill) and Laborer	\$1,150.00	\$1,725.00
Backhoe and Operator	\$500.00	\$1,000.00
Dump Truck and Operator	\$500.00	\$1,000.00
Ground Penetrating Radar and Operator	\$865.00	\$1,437.00
Field Utility Vehicle	\$75.00	\$175.00
Field Equipment (i.e. PID, Metal Detector, Gloves, etc.)	\$75.00	\$150.00

Item	Unit Rate	Units
Geoprobe Consumable Supplies	\$2.00	per foot
55-gallon Drum	\$69.00	per drum
Drum Characterization Analysis and Transportation	\$1,782.00	per trip
Drum Disposal	\$165.00	per drum

**2. GROUNDWATER INVESTIGATION**

Item	Half Day Rate	Daily Rate
Geoprobe and Operator	\$1,725.00	\$2,012.00
Air-Knife (Soft-Drill) and Laborer	\$1,150.00	\$1,725.00
Drill Rig and Licensed Well Driller (Monitoring Well Installation)	\$2,012.00	\$2,587.00
Field Utility Vehicle	\$75.00	\$175.00
Field Equipment (i.e. PID, Gloves, Water Level Meter, Water Quality Meter)	\$75.00	\$150.00

Item	Unit Rate	Units
Temporary Well Point	\$115.00	per point
2" PVC Riser	\$28.00	per foot
2" PVC Screen	\$28.00	per foot
4" PVC Riser	\$39.00	per foot
4" PVC Screen	\$39.00	per foot
Monitoring Well Flush Mount & Concrete Pad	\$287.00	per well
Monitoring Well Permit & Form B	\$230.00	per well
55-gallon Drum	\$69.00	per drum
Drum Characterization Analysis and Transportation	\$1,782.00	per trip
Drum Disposal	\$165.00	per drum

**3. Laboratory Analysis**

Item	10-day TAT	5-day TAT
EPH (Extractable Petroleum Hydrocarbons) Category I	\$90.00	\$115.00
EPH (Extractable Petroleum Hydrocarbons) Category II	\$165.00	\$205.00
TCL/TAL+30	\$665.00	\$835.00
TCL-VOA+15(10) including En Core or Terra Core Cost	\$155.00	\$195.00
TCL-BNA+15(10)	\$240.00	\$300.00
Polychlorinated Biphenyls (PCBs)	\$90.00	\$115.00
TCL Pesticides	\$95.00	\$125.00
TAL Metals	\$130.00	\$165.00
Cyanide	\$35.00	\$45.00
Single ICP Metal	\$12.00	\$15.00
Naphthalene/2-methylnaphthalene	\$135.00	\$175.00
PWTA Sampling (raw & post-treatment analysis)	N/A	\$3,190.00
Asbestos via Polarized-Light Microscopy (PEM)	\$30.00	\$35.00
Asbestos via Transmission Electron Microscopy (TEM)	\$50.00	\$65.00

4. **LABOR**

Item	Unit Cost	Units
Environmental Technician	\$85.00	per hour
Subsurface Evaluator	\$85.00	per hour
Project Manager	\$90.00	per hour
Licensed Site Remediation Professional	\$125.00	per hour

5. **REPORTING**

Unit prices for reports to include cost to prepare the report, provide three (3) paper copies [four (4) copies if, Green Acres Program project], and one (1) CD-R with report in either .pdf or MS Word .doc format.

Item	Unit Cost	Units
Site Investigation Report (SIR)	\$7,500.00	per report
Remedial Investigation Report (RIR)	\$15,000.00	per report
Remedial Investigation or Remedial Action Workplan (RIW or RAW)	\$12,500.00	per report
Submit a Hazardous Discharge Site Remediation Fund (HDSRF) Application	\$1,000.00	Per application

Environmental review services shall not commence until contractor receives a Purchase Order from the Park System and shall be completed **WITHIN THIRTY (30) DAYS** of receipt of Purchase Order.

Payment schedule for services shall be as follows:

100% of contracted amount shall be paid when three (3) copies of the Preliminary Assessment Report (PAR), [four (4) copies if Green Acres program project], and one (1) CD-R with report in either .pdf or MS Word .doc format are delivered to the Monmouth County Park System.

VARIANCE IF ANY: \_\_\_\_\_

The undersigned is a partnership under the laws of the State of New Jersey

(check one)  a corporation  an individual

having principle offices at:

ADDRESS 781 Rt-15 S, 2nd Floor, Lake Hopatcong, NJ 07849

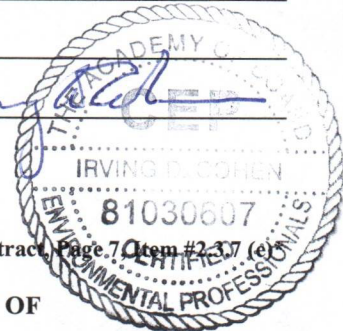
BUSINESS PHONE 973-398-8183 FAX NUMBER 973-398-8037

E-MAIL info@enviro-sciences.com WEB ADDRESS www.enviro-sciences.com

FEDERAL TAX ID # OR SOCIAL SECURITY # [REDACTED]

CONSULTANT (Printed) Irving D. Cohen SIGNATURE 

DATED 09/30/2021



\*Please Note: requirements for Certificate of Liability Insurance to be submitted before award of contract, Page 7, Item #2.3.7 (c)

**ALL PASI REPORTS SHALL BECOME THE PROPERTY OF THE MONMOUTH COUNTY PARK SYSTEM**